

USER MANUAL



Mobile Hard Drive USB 2.0

Rev. 948

Dear user!

Thank you for selecting the **Verbatim Mobile Hard Drive** as your external data storage device. For optimal use and performance we advise you to read this manual carefully before using this product.

Verbatim
www.verbatim.com

Contents of the box

Please check the contents of the box; the following items should be included:

- Verbatim Mobile Hard Drive
- Connection cable (USB 2.0)
- Manual, safety manual and application software pre-installed on the hard drive
- Quick Install Guide

Need assistance? Have questions?

In case you have a question about the use of this product, need information about other Verbatim products or need technical assistance, please contact the Verbatim Service Center for your country. See www.verbatim.com for details.

Warning !

All rights reserved. The products named in this manual are only used for identification purposes and may be trademarks or registered trademarks of the respective companies. This device was designed for home or office use.

Warning! This device is equipment complying with EN55022 class A. This equipment can cause radio disturbances in a residential area. If this is the case, the user has to take appropriate measures and assume all responsibility and costs for. It may not be used near or with any life-sustaining systems.

Verbatim cannot be made liable for any damages, loss of data or damage following thereof -whatsoever (including, without limitation, damages for loss of business profits, business interruption, loss of business information, or other pecuniary loss) arising out of the use of or inability to use this Verbatim product, even if Verbatim has been advised of the possibility of such damages.

We reserve the right to upgrade our products in keeping with technological advances.

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General Information

The following hardware and software requirements must be fulfilled to ensure trouble-free operation.

System requirements

In order to use the Verbatim Mobile Hard Drive, following components are needed:

PC:

- Intel Pentium III / AMD Duron 900 MHz or higher
- 256 MB RAM (Vista / 7: 512 MB RAM) or higher
- Available USB 2.0 or USB 1.1 port*
- Internet connection for online registration, software updates and downloads
- Operating system: Windows XP, Windows Vista, Windows 7

Mac:

- PowerPC G4/G5 or Intel Mac
- 256 MB RAM or higher
- Available USB 2.0 or USB 1.1 port*
- Internet connection for online registration, software updates and downloads
- Operating system: Mac OS X v10.4 or higher

* To achieve optimal performance from the Verbatim Mobile Hard Drive your computer should be equipped with an USB 2.0 port.

Precautionary measures

To ensure that your Verbatim Mobile Hard Drive functions properly, please take note of the following precautions. If these are not followed, you may void your warranty and damage the Verbatim Mobile Hard Drive.

- Safely remove the Verbatim Mobile Hard Drive via your operating system (the "unplug or eject hardware" option in the Windows taskbar) before disconnecting the USB cable. Failing to do so may result in data loss.
- Do not drop the Verbatim Mobile Hard Drive or expose it to other kinds of sudden mechanical shocks as this may result in data loss and damage to the Verbatim Mobile Hard Drive.
- Do not use the Verbatim Mobile Hard Drive when the ambient temperature is below 10°C or above 35°C.
- If the Verbatim Mobile Hard Drive is moved from a cool environment to a warmer environment, please allow the drive to acclimatize to the ambient temperature before operating the device. Failing to do so may lead to condensation within the drive enclosure, which in turn may cause the drive to malfunction.
- Do not place liquids or drinks on the Verbatim Mobile Hard Drive. When liquids are spilled and get in contact with the electronics within the drive enclosure, it will damage the drive and will cause the drive to malfunction.
- Do not use the Verbatim Mobile Hard Drive in a dusty environment. Dust inside the enclosure may damage the internal electronics and result in drive malfunction.
- Opening the Verbatim Mobile Hard Drive will void the warranty.
- Since USB 2.0 is backwards compatible with USB 1.1, the Verbatim Mobile Hard Drive can be connected to all USB ports. When connected to a USB 1.1 port, however, the performance (data transfer rate) of the Verbatim Mobile Hard Drive will be much lower than when the drive is connected to a USB 2.0 port.

If at any point during installing and/or configuring your Mobile Hard Drive you need assistance or have questions, please contact the Verbatim Support Center for your country. See www.verbatim.com for details.

Verbatim Mobile Hard Drive

The hi-speed data transfer through the USB 2.0 interface makes it ideally suitable for data-storage, file sharing, backup, archiving, audio playback and all applications that need fast file access.

For your convenience, the Verbatim Mobile Hard Drive has been partitioned (1 partition) and pre-formatted (FAT32 file system). The FAT32 format ensures maximum interchangeability of the Verbatim Mobile Hard Drive between different computers. Should you choose to format the Verbatim Mobile Hard Drive in another file system (e.g. NTFS), please be aware of possible problems when connecting the Verbatim Mobile Hard Drive to another computer than the one you used for formatting.

Chapter 1: Hardware Installation



1. Connect the interface cable to the Verbatim Mobile Hard Drive.



2. Connect the interface cable to the interface port of your computer.

Since USB 2.0 is backwards compatible with USB 1.1, the Verbatim Mobile Hard Drive can be connected to all USB ports. When connected to a USB 1.1 port, however, the performance (data transfer rate) of the Verbatim Mobile Hard Drive will be much lower than when the drive is connected to a USB 2.0 port.

For optimum performance the Verbatim Mobile Hard Drive should always be connected to a USB 2.0 interface.

Chapter 2: Driver Installation

Under XP / Vista / 7 and Mac OS X a separate Verbatim driver is not required. The drivers will be installed automatically by the operating system after plugging in the Verbatim Mobile Hard Drive into the USB port of the computer.

Chapter 3: Installation of the application software

3.1 Software installation PC

1. Click on "Start PC.exe" in the main directory of the hard drive. The Verbatim start menu opens.



2. Click on "Software Installation" -> "TURBO USB 2.0". The installation starts now. Follow the instructions on the screen, confirm with "Next" in order to continue with the installation.

3.1.1 Saving Verbatim data (PC)

The user manuals and complementary software (when applicable) are pre-loaded onto the hard drive. We recommend that you save these files to your computer ("My Documents"/"Verbatim"), to always have a backup of these files in case you (accidentally) reformat the drive or delete these files from the drive. Saving these files from the external hard drive to your computer is easy:

1. Click on the button "Save Verbatim files".
2. All provided data on the Verbatim Mobile Hard Drive will be saved to the folder "Verbatim" in "My Documents".



3.1.2 Saving Verbatim data (Mac)

The user manuals and complementary software (when applicable) are pre-loaded onto the hard drive. We recommend that you save these files to your computer ("Documents"/ "Verbatim"), to always have a backup of these files in case you (accidentally) reformat the drive or delete these files from the drive. Saving these files from the external hard drive to your computer is easy:

1. Click on "Start MAC" in the main directory of the hard drive. The Verbatim start menu opens.
2. Click on the button "Save Verbatim files".
3. All provided data on the Verbatim Mobile Hard Drive will be saved to the folder "Verbatim" in "Documents".



Chapter 4: Using Verbatim Turbo USB 2.0 (only PC)

By installing the Turbo USB 2.0 driver for your Mobile Hard Drive, the data transfer rate can be significantly increased (up to 40% faster transfer speed compared to standard High-Speed USB).

Enabling the Turbo USB 2.0 driver

1. Connect the Verbatim Mobile Hard Drive to your PC.
2. Run "StartPC.exe" from your Mobile Hard Drive and goto "Software Installation" -> "Turbo USB 2.0".
3. The Verbatim Turbo USB 2.0 Wizard will open.



4. Check the drive and click on "Configure" to enable the Turbo USB2.0 driver for the Verbatim Mobile Hard Drive.



Disabling the Turbo USB 2.0 driver

1. Connect the Verbatim Mobile Hard Drive to your PC.
2. Run "StartPC.exe" from your Mobile Hard Drive and goto "Software Installation" -> "Turbo USB 2.0".
3. The Verbatim Turbo USB 2.0 Wizard will open. Uncheck the drive and click on "Configure" to disable the Verbatim Turbo USB 2.0 driver for the Verbatim Mobile Hard Drive.

Chapter 5: Partitioning your Verbatim Mobile Hard Drive

5.1 General information

Your Verbatim Mobile Hard Drive was partitioned and formatted to provide you with the maximum available capacity and compatibility. FAT32 was chosen as file system to assure that you will be able to read your files on any PC. It is recommended not to change the current configuration of your Verbatim Mobile Hard Drive.

For some users another file system might fit better for their needs. This manual describes current limitations of most common file systems and Instructions to enable you to adapt the Verbatim Mobile Hard Drive to your needs.

5.2 File System features

Please refer to the tables below for an overview:

File systems supported by different operating systems

File system Operating system	FAT	FAT32	NTFS	HFS+
Windows XP / Vista / 7	yes	yes	yes	no
Mac OS X	yes	yes	yes (only read)	yes

Maximum size of a partition

File system Operating system	FAT	FAT32	NTFS	HFS+
Windows XP / Vista / 7	4 GB	32 GB	16 TB	-
Mac OS X 10.1.x	-	128 GB	-	2 TB
Mac OS X 10.2.x	-	128 GB	-	8 TB
Mac OS X 10.3.x	-	(-> 128 GB)	-	16 TB
Mac OS X 10.4.x	-	(-> 128 GB)	-	16 TB
Mac OS X 10.5.x	-	(-> 128 GB)	-	16 TB
Mac OS X 10.6.x	-	(-> 128 GB)	-	16 TB

Example for different partitions with different file systems on one Verbatim Mobile Hard Drive

Total size of Verbatim Mobile Hard Drive \ File system	NTFS	FAT32
	220 GB	30 GB
250 GB		

Note: On NTFS formatted hard drives can only be written under Windows XP / Vista / 7. Under MacOSX data can only be read.

The example above is a good solution for Windows XP / Vista / 7 users who sometimes exchange data with Macs.

For storing the data under Windows XP / Vista / 7 both partitions can be used. As the NTFS file system can only be read by Mac data to be used on these operating systems must be stored on the FAT32 partition.

Please follow the steps below to adapt the Mobile Hard Drive for your needs.

5.3 Partitioning your Mobile Hard Drive under Windows XP / Vista / 7

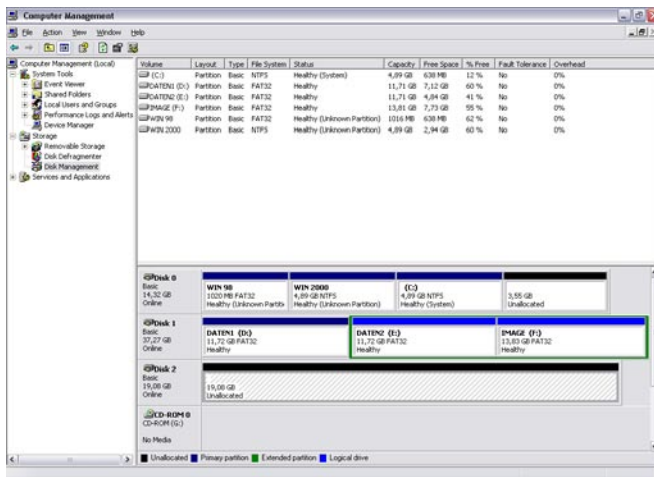
5.3.1 Deleting a partition on the Verbatim Mobile Hard Drive

1. Click with the right mouse button on the "My Computer" icon on your desktop.
2. Select the option "Manage".
3. Select the option "Storage" -> "Disk Management".
4. Choose your external Mobile Hard Drive and right-click on the partition.
5. Select "Delete Partition" and confirm by clicking on "Yes". The partition will be deleted now.

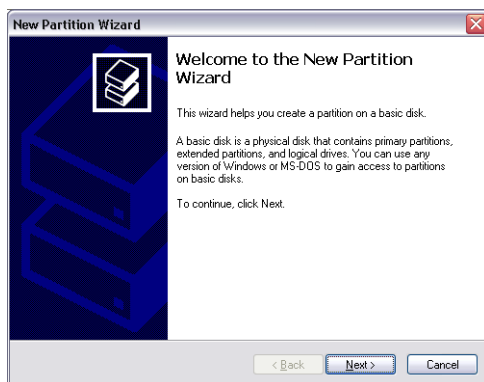
5.3.2 Creating a partition on the Verbatim Mobile Hard Drive

The following steps will guide you through the process of creating partitions on your Verbatim Mobile Hard Drive. After this procedure your Mobile Hard Drive will be ready for use and it will be allocated a drive letter.

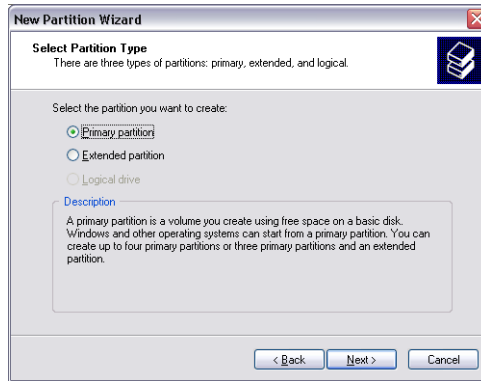
1. Click with the right mouse button on the "My Computer" icon on your desktop.
2. Select the option "Manage".
3. Select the option "Storage" -> "Disk Management".
4. Choose the hard drive, which is "unallocated". Ensure that the entire drive is "unallocated".



- Click with the right mouse button on the "unallocated" area and select the option "New Partition". The "New Partition Wizard" opens. Click on "Next".



6. Select "Primary partition" and click on "Next".

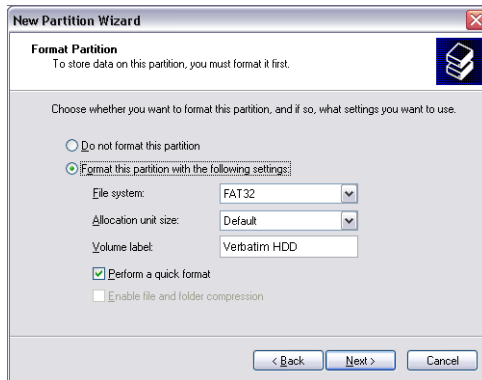


7. Now you can adjust the size of your partition. Click on "Next" if only one partition is to be created. See next chapter (Creating two or more partitions on the Verbatim Mobile Hard Drive under Windows XP / Vista / 7) how to create more than one partition.

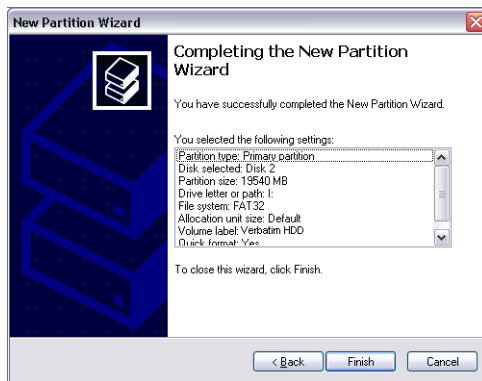


8. Assign a drive letter to your hard drive. Normally you can use the default options. Click on "Next".

- Select the formatting option "Format this partition with the following settings". Choose either "FAT32" or "NTFS", the "Allocation unit size" should remain on "Default". Finally select "Perform a quick format" and click on "Next".

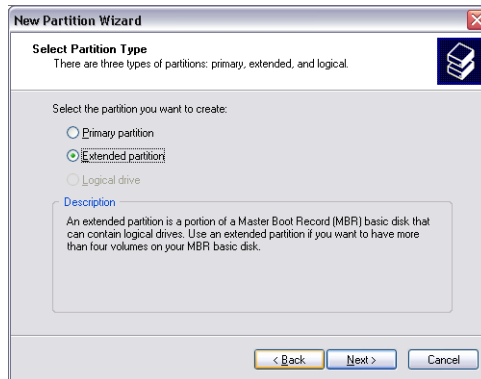


- Click on "Finish" to complete the partitioning of your Verbatim Mobile Hard Drive. Your Verbatim Mobile Hard Drive will be formatted now and is ready-to-use afterwards.

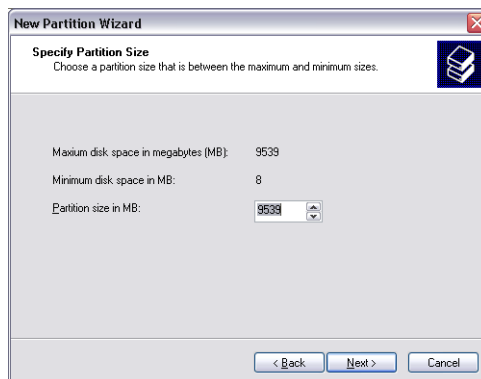


5.3.3 Creating two or more partitions on the Verbatim Mobile Hard Drive under Windows XP / Vista / 7

1. Repeat the steps from the previous chapter (Creating a partition on the Verbatim Mobile Hard Drive under Windows XP / Vista / 7) for creating the first partition.
2. Click with the right mouse button on the "My Computer" icon on your desktop.
3. Select the option "Manage".
4. Select the option "Storage" -> "Disk Management".
5. Right-click on the unallocated space of your Verbatim Mobile Hard Drive and select the option "New partition". The "New Partition Wizard" opens. Click on "Next".
6. Select "Extended partition" and click on "Next".

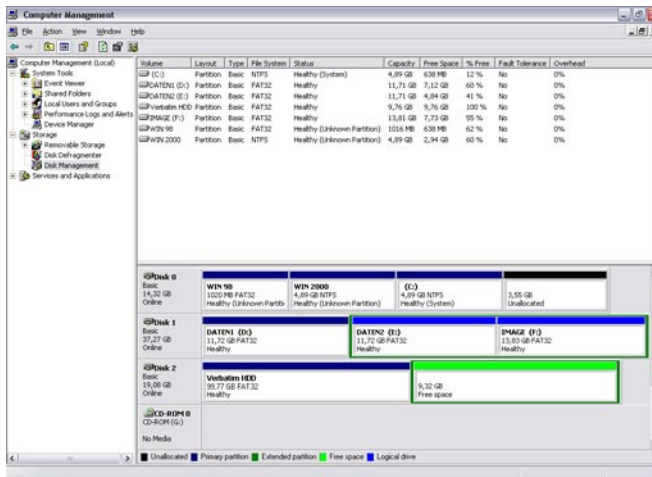
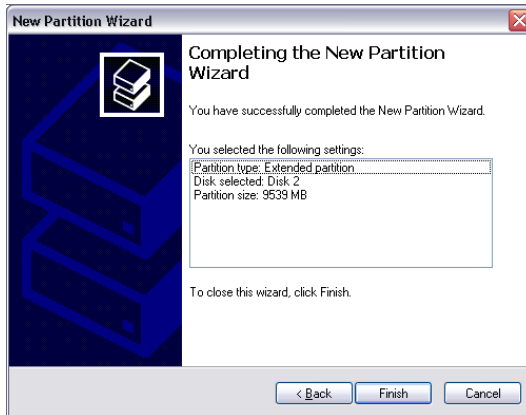


7. Now you can adjust the size of your partition. Enter the size and click on "Next".

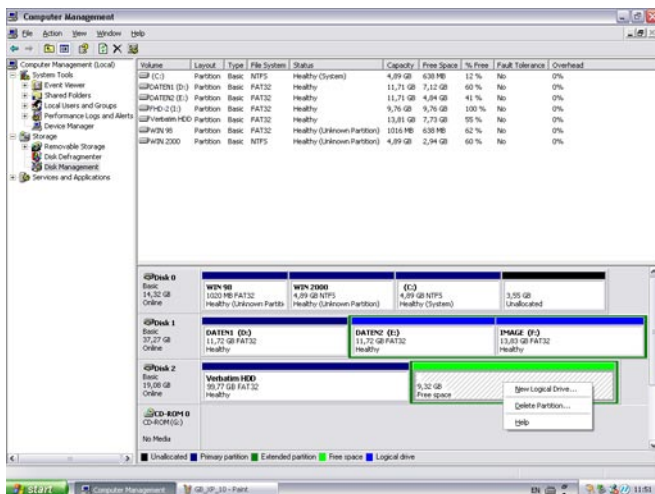


- Click on "Finish" to create the "Extended partition". The unallocated space now changed to "Free space".

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- Right-click on "Free Space" and select "New Logical Drive". The "New Partition Wizard" opens. Click on "Next".

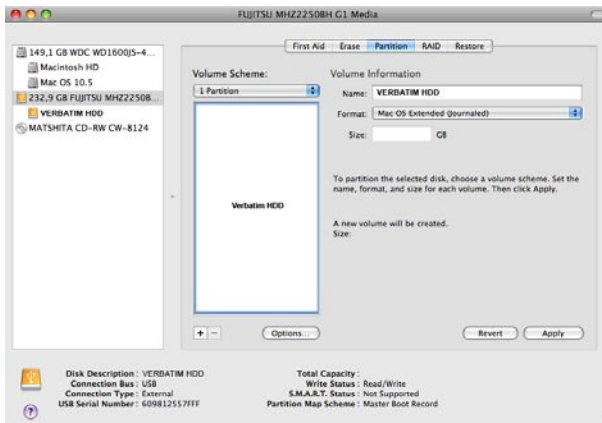


- "Logical drive" is already selected. Click on "Next".
- Specify the partition size and click on "Next".
- Assign a drive letter and click on "Next".
- Select the formatting option "Format this partition with the following settings". Choose either "FAT32" or "NTFS", the "Allocation unit size" should remain on "Default". Finally select "Perform a quick format" and click on "Next".
- Click on "Finish" to complete partitioning. Your partition will be formatted now and is ready-to-use.

Note: If you select NTFS as file system, the data of your Mobile Hard Drive can be read only under Mac OS X. There is no possibility to write data.

5.4 Partitioning your Verbatim Mobile Hard Drive under Mac OS X

1. Open the "Disk Utility". This can be found in "Applications" -> "Utilities".
2. Click on the tab "Partition".



Here you can setup the partition settings and partition the drive according to your settings (e.g. Mac OS Extended). Detailed information how to use the Disk Utility can be found in the help:

